



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jorge L. Orbay

SERIAL NO.: 10/016,457

FILED: November 1, 2001

FOR: Locking device for  
intramedullary pin fixation

GROUP ART UNIT: 331

EXAMINER:

ATT'Y DOCKET: HAN-006

TECHNOLOGY CENTER  
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3731 #2  
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*David P. Gordon*

*March 6, 2002*

David P. Gordon  
Reg. No. 29,996

Date

Sir:

SUBMITTAL OF DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

Pursuant to applicant's duty of disclosure under 37 CFR  
Section 1.56, enclosed is a completed form PTO-1449 as well as  
copies of the cited documents which relate to the above-referenced  
patent application. Since this document submittal is being  
presented prior to the first examination on the merits, no fee is  
due herewith.

German Patent DE 3924610A1 to Georges discloses a bone  
fracture distraction pin appts.

The listed documents are brought to the Examiner's attention  
because they are known to the applicant and/or the applicant's  
attorney and may be considered by the Examiner to be material to  
his/her examination. This listing should not be construed as  
representation that a search has been made or that no better art  
exists. No inference should be made that the documents are in  
fact material merely because they are referenced herein.

Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "David P. Gordon".

David P. Gordon  
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DERWENT-ACC-NO: 1990 92419  
DERWENT-WEEK: 199013  
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TITLE: Bone fracture distraction pin appts. - has long forked and short hooked  
pin clamped together at free ends

INVENTOR: GEORGES, J

PATENT-ASSIGNEE: GEORGES J[GEORI]

PRIORITY-DATA: 1988DE-0009715 (July 28, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
DE 3924610 A	March 22, 1990	N/A	008
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-
DATE			
DE 3924610A	N/A	1989DE-3924610	July 22,
1989			

INT-CL\_(IPC): A61B017/58

ABSTRACTED-PUB-NO: DE 3924610A

BASIC-ABSTRACT: The distraction-pin appts. is for use with bone fractures. It comprises a first pin (1,2) with forked end (3,4), and longer than a second one (9) with hook end (10).

A common clamp (21-26) locks the free ends of the pins in position in relation to each other. This can comprise tension - and compression-load stops for the short and long pins respectively.

USE/ADVANTAGE - Distraction pin appts. for reducing bone fractures is usable in marrow cavity.

CHOSEN-DRAWING: Dwg.1,5/9

TITLE-TERMS:

BONE FRACTURE DISTRACTION PIN APPARATUS LONG FORK SHORT HOOK PIN CLAMP  
FREE END

DERWENT-CLASS: P31

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-071346